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coalescing and event and notification

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[PDF] •[Queue: A generic and scalable event notification facility](#)

J Lemon - Proceedings of the USENIX Annual Technical ..., 2001 - bcr2.uwaterloo.ca  
 ... is that multiple pack-ets are **coalesced** into a ... occurrences of activity on the **event**  
 source being moni ... and the application, after receiving **notification** of the ...

[Cited by 86](#) - [Related articles](#) - [View as HTML](#) - [All 18 versions](#)

•[Scalability of Linux event-dispatch mechanisms](#)

A Chandra, D Mosberger - HP LABORATORIES TECHNICAL REPORT HPL, 2000 - unix.org  
 ... By **coalescing** multiple **events** into a single **notification**, this mechanism prevents  
 the kernel from providing too fine-grained **event** notifications to the ...

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[PDF] •[Estimating the impact of interrupt coalescing delays on steady state TCP throughput](#)

M Zec, M Mikuc, M Zagar - Proceedings of the 10th SoftCOM, 2002 - tel.fer.hr  
 ... 1. Complete abandonment of asynchronous **event notification** concept based on hardware  
 interrupts ... This method is known as interrupt mitigation or **coalescing** [10 ...

[Cited by 21](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

[Self-paging in the Nemesis operating system](#)- [washington.edu](#) [PDF]

SM Hand, NM Site, P St - unix.org  
 ... spent in the unoptimised user-level **notification** handlers, stretch ... of Figure 7 shows  
 these **events** on two ... the driver from performing any transaction **coalescing**. ...

[Cited by 53](#) - [Related articles](#) - [Cached](#) - [BL Direct](#) - [All 12 versions](#)

[Event notification in a clustered computing environments](#)

S Chandrasekaran - US Patent App. 10/697,073, 2003 - Google Patents  
 ... M. **COALESCING EVENT NOTIFICATIONS APPENDING EVENT NOTIFICATION ONTO EXISTING MESSAGE**  
**112 PROPAGATING APPENDED EVENT NOTIFICATION & MESSAGE TO REMOTE NODES FIG. ...**

[All 2 versions](#)

[Extending futex for kernel to user notification](#)

H Bahmann, K Froitzheim - 2008 - portal.acm.org  
 ... index the **event** is put into an "overflow" queue (**coalescing events** there as ... Our  
 modification requires **event notification** for the set of **event** sources to be ...

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[PDF] •[Scalability ofLinux Event-Dispatch Mechanism s](#)

HPLP Aito - fog.hpl.external.hp.com  
 ... By **coalescing** multiple **events** into a single **notification**, this mechanism prevents  
 the kernel from providing too fine-grained **event** notifications to the ...

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### Configurable **notification** generation

JF Carreno, P Laurent - US Patent App. 11/212,178, 2005 - Google Patents

... input **event** flag 114 and the **coalescing** flag 116 ... 2, the input **event** flag 114 may be accessible ... of methods which may provide configurable **notification** generation ...

[All 2 versions](#)

### [PDF] \*GPFS HPSS Integration: Implementation Experience

D Hazen, J Hick - Lawrence Berkeley National Laboratory, 2008 - repositories.cdlib.org

... **Coalescing** helped in some instances but introduced complexity. ... A downside to this approach is that the DM Application requires deletion **event notification**. ...

[All 3 versions](#)

### INTERRUPT REDIRECTION WITH **COALESCING**

BL Worthington, G Marinkovic, B Railing, Q ... - 2009 - freepatentsonline.com

... and 140 3 allow known interrupt **coalescing** techniques, as ... For example, a **notification** may be information that ... notifications until a trigger **event** occurs, such ...

### Interrupt mechanism on an IO adapter that supports virtualization

RL Arndt, G Biran, V Makhervaks, RJ Recio, L ... - US Patent App. 11/065,951, 2005 - Google Patents

... associated with a physical IO adapter detects an **event**, identifies a logical partition associated with the **event**, and writes an **event notification** entry in a ...

[All 4 versions](#)

### Positioning and rendering **notification** heralds based on user's focus of attention and activity

EJ Horvitz, JT Apacible, CD Sareen - US Patent App. 10/610,487, 2003 - Google Patents

... Date: May 20,2004 (54) POSITIONING AND RENDERING **NOTIFICATION** HERALDS BASED ON USER'S FOCUS OF ATTENTION AND ACTIVITY (76) Inventors: Eric J. Horvitz, Kirkland ...

[All 6 versions](#)

### Learning and reasoning about interruption- \*microsoft.com [PDF]

E Horvitz, J Apacible - portal.acm.org

... **event** monitoring subsystem used in **Notification** Platform that we refer to as Inflow.

The **event** system provides an abstraction tool for **coalescing** patterns of ...

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### Xen and co.: communication-aware CPU scheduling for consolidated xen-based hosting ...- \*psu.edu [PDF]

S Govindan, AR Nath, A Das, B Urgaonkar, ... - Proceedings of the 3rd international conference on ..., 2007 - portal.acm.org

... is either (i) the duration between a packet reception at the physical NIC and when Domain0 is scheduled next to set up an **event** channel **notification** for the ...

[Cited by 19](#) - [Related articles](#) - [All 6 versions](#)

### Method and System for Delayed Completion **Coalescing**

S Mizrahi, E Aloni, U Tal - US Patent App. 11/873,802, 2007 - Google Patents

... resources, completion queues may be provided to **coalesce** completion status ... has been performed by system hardware, **notification** of a completion **event** may be ...

[All 2 versions](#)

[PS] • [High-performance memory-based web servers: Kernel and user-space performance](#)

P. Joubert, R. King, R. Neves, M. Russinovich, J. ... - Proceedings of the USENIX Annual Technical ..., 2001 - [usenix.org](#)  
 ... cards with on board processors are capable of **coalescing** inter- rupts ... the primitives  
 nec- essary to reduce data movement, limit **event notification** overhead, and ...

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[PDF] • [A Survey of Event Filtering Mechanisms for Dynamic Multi-Point Applications](#)

ES Al-Shaer, DC Schmidt - [cs.wustl.edu](#)

... For simplicity, we use “**event**” and “**notification**” inter- changeably in this paper.  
 That is, we consider a **notification** to represent an **event**. ...

[Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[A case for user-level interrupts- \[utah.edu\]\(#\) \[PDF\]](#)

M Parker - [portal.acm.org](#)

... **Coalesced** interrupts and efficient interrupt handlers can signifi- cantly reduce  
 this ... case can significantly reduce the overhead of I/O **event notification**. ...

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[AGGREGATION OF HARDWARE EVENTS IN MULTI-NODE SYSTEMS](#)

EP Patent 1,449,097, 2008 - [freepatentsonline.com](#)

... a primary or boot node of the system to receive **notification** of the ... diagram 400 is  
 described in relation to aggregation, or **coalescing**, of an **event** at the ...

[PDF] • [Building a Grid of Grids: messaging substrates and information management](#)

G Fox, S. Pallikara, M. Pierce - Billerica, MA: WIT Press, 2006, 2006 - [Citeseer](#)

... Decompression of payloads Fragmentation and **Coalescing** of payloads ... cases.) It is  
 up to the **event** recipient to ... **Notification** can be used by services in either ...

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[TXT] • [Network Working Group C. DeSanti Request for Comments: 4983 HK Vivek Category: ...](#)

S Gai - [cerias.purdue.edu](#)

[Related articles](#) - [All 47 versions](#)

[System and method for computer virus detection utilizing heuristic analysis](#)

M Jordan - US Patent App. 10/449,586, 2003 - [Google Patents](#)

... Interface (API) call) the Execution **Notification** module 26 ... Small **events** can be **coalesced**  
 into larger **events** when ... small **events** for a larger **event** have occurred. ...

[Related articles](#) - [All 4 versions](#)

[Aggregation of hardware events in multi-node systems](#)

RA Lary, DH Bax - US Patent App. 09/968,768, 2001 - [Google Patents](#)

... a primary or boot node of the system to receive **notification** of the ... diagram 400 is  
 described in relation to aggre- gation, or **coalescing**, of an **event** at the ...

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[An efficient multicast protocol for content-based publish-subscribe systems- \\*ul.pl \[PDF\]](#)

G Banavar, T Chandra, B Mukherjee, J ... - International Conference on Distributed Computing ..., 1999 - doi.  
ieeecomputersociety.org

... After matching, any **events** "sent" along two virtual links having the same physical link can be **coalesced** into a single sent **event**. Page 7. ...

[Cited by 456](#) - [Related articles](#) - [BL Direct](#) - [All 18 versions](#)

[\[PDF\] \\*Towards automatic mediation between heterogeneous software components](#)

KP L hr - Electronic Notes in Theoretical Computer Science, 2002 - page.mi.fu-berlin.de

... Or, alternatively, we can view the module Main as proxy and driver **coalesced**, as shown in Fig. ... 3.4 **Event** systems: the CORBA **Notification** Service ...

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

[Event Composition and Detection in Data Stream Management Systems](#)

M Mohania, D Swamini, SK Gupta, S Bhowmick ... - Lecture notes in computer science, 2005 - Springer

... 4.2 **Event Notification** ... E1;E2 is common to **events** A and B and hence their trees can be **coalesced**. Also, the **event** trees can be used to detect **events** in all four ...

[Cited by 1](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

[\[PDF\] \\*Self-Paging in the Nemesis Operating System](#)

NM Site, P St - Citeseer

... **events**[10]. ... The third application has a server 3 A domain in Nemesis is the analog of a process or task. Page/Protection Fault Kernel **Notification** KEY: -Kernel ...

[Related articles](#) - [View as HTML](#) - [All 6 versions](#)

[Method and apparatus for enhancing the portability of an object oriented interface among ...](#)

LPG Cable - US Patent 5,999,728, 1999 - Google Patents

... For this example, consider the X Window System™ and the NeXTSTEP™ Window system wherein there exists a concrete window system **event notification** of a mouse ...

[Cited by 7](#) - [Related articles](#) - [All 5 versions](#)

[Method and apparatus for processing inbound and outbound quanta of data](#)

S Narasimhan, MR Krause, G Marripudi, A ... - US Patent App. 11/258,539, 2005 - Google Patents

... QUEUE 295 ESTABLISH PRIORITY LEVEL ACCORDING TO DETERMINED **NOTIFICATION** QUEUE PRIORITY 300 ... 0193318 AI ACCUMULATE ONE OR MORE INTERRUPTABLE **EVENTS** 305 DETERMINE ...

[All 2 versions](#)

[Design and implementation of Open-MX: High-performance message passing over generic ...- \\*archives-](#)

[ouvertes.fr \[PDF\]](#)

B Goglin, LBR en Informatique, I Bordeaux- ... - IEEE International Symposium on Parallel and ..., 2008 - ieeexplore.  
ieee.org

... However, the I/O AT model will bring some new issues regarding the **notification** of receive **events** since it requires the driver to explicitly poll for offloaded ...

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[\[pdoc\] \\*Building a Grid of Grids: Messaging Substrates and Information Management](#)

D Grids - servogrid.org

... Fragmentation a nd **Coalescing** of payloads. ... away" in the simplest cases.) It is up to the **event** recipient to ... **Notification** can be used by services in either case ...

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### Method and system for matching consumers to **events** employing content-based multicast ...

M Astley, RE Strom, DC Sturman - US Patent 6,728,715, 2004 - Google Patents

... the building: A publish/subscribe **notification** service with ... TOTAL PROBABILITY 603

USING **EVENT** FREQUENCY TABLE ... **COALESCE** NODES WITH EQUAL BROKER SETS; ADD THIER ...

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### [PDF] •Karl T

D Catalani, B Chambers - 64.241.25.182

... excellent outdoor laboratory for researchers to study the natural world, the interactions that occur within, and the impacts of both natural **events** and human ...

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### [poc] •Complexity Computational Environments (CCE) Architecture

G Fox, H Gadgil, S Pallickara, M Pierce, J ... - grids.ucs.indiana.edu

... Fragmentation a nd **Coalescing** of payloads. ... away" in the simplest cases.) It is up to the event recipient to ... **Notification** can be used by services in either case ...

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### Parameterized subscriptions in publish/subscribe systems

Y Huang, H Garcia-Molina - Data & Knowledge Engineering, 2007 - Elsevier

... Types of subscriptions 2.2. Self-maintained parameters 3. Distributed systems 3.1.

Distributed **event** routing 3.2. ... 3.1. Distributed **event** routing. ...

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### [PDF] •Structure and performance of the direct access file system

K Magoutis, S Addetia, A Fedorova, MI ... - management - deas.harvard.edu

... driven design and takes advantage of efficient hardware support for **event notification** and delivery ... Interrupt **coalescing** on the Tigon-II was set as high as pos ...

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### [PDF] •Event-driven architecture overview

BM Michelson - Patricia Seybold Group, 2006 - omg.org

... SOA and integration vendors are **coalescing** visions and ... invocation, business process initiation, **notification**) or a pull by subscribers of **event** publi- cations ...

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### Exploiting task-level concurrency in a programmable network interface- •psu.edu [PDF]

H Kim, VS Pai, S Rixner - Proceedings of the ACM SIGPLAN symposium on ... 2003 - portal.acm.org

... Unlike the asynchronous **event notification** mechanisms found in ... is greater than the interrupt **coalescing** threshold, raise the Update Send Consumer **event**. ...

[Cited by 19](#) - [Related articles](#) - [BL Direct](#) - [All 19 versions](#)

### The triana workflow environment: Architecture and applications

I Taylor, M Shields, I Wang, A Harrison - Workflows for e-Science, 2007 - Springer

... WS-RF) [100] capabilities that enable Triana to handle stateful resources via services as well as employ the **event-driven notification** patterns supported by WS ...

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## AGGREGATING RECURRENT SCHEDULES TO OPTIMIZE RESOURCE CONSUMPTION

AP Tran, LA Moore, CT Guillory, H Teegan, JM ... - 2009 - freepatentsonline.com

... Abstract: **Coalescing** schedules that use a resource to extend battery life. ... After receiving **notification** of an **event**, the schedules are accessed to identify ...

### •Server network scalability and TCP offload

D Freimuth, E Hu, J LaVoie, R Mraz, E Nahum ... - unix.org

... Interrupt **coalescing**. ... Server applications interact using an **event notification** interface such as select() or poll(), which in turn can have performance ...

Cited by 20 - Related articles - Cached - All 17 versions

### [PDF] •Evaluation of partitionaware MANET protocols and applications with ns-2

A Kheil, PJ Marrón, R Dietrich, K Roethermel - Proceedings of the International Symposium on ..., 2005 - Citeseer

... join (or merging) is the combination (**coalescing**) of two (or ... Allows nodes to subscribe for all split **events**. The split **notification** mainly contains the nodes ...

Cited by 5 - Related articles - View as HTML - All 4 versions

### Method and System for Optimizing CPU Performance for Network Ingress Flow

E Tamir, S Mizrahi - US Patent App. 11/945,463, 2007 - Google Patents

... lines may be activated to provide **event notification**. ... features such as interrupt **coalescing** may reduce interrupts, the corresponding **event** processing for ...

All 2 versions

### Toward Flexible Messaging for SOAP-Based Services- •indiana.edu [PDF]

G Fox, S Pallickara, S Parastatidis - Supercomputing, 2004. Proceedings of the ACM/IEEE ..., 2004 - ieeexplore.ieee.org

... unless the corresponding archival **notification** is received. ... Fragmentation To deal with **events** with large ... A **coalescing** service then merges these fragments into ...

Cited by 17 - Related articles - All 12 versions

### •Bridging the gap between software and hardware techniques for i/o virtualization

JR Santos, Y Turner, GJ Janakiraman, I Pratt - USENIX Annual Technical Conference, 2008 - unix.org

... the I/O channel **notification**, it issues a ... physical interrupts, virtual interrupts, **event** delivery, domain ... usually known as interrupt **coalescing** parameters. ...

Cited by 23 - Related articles - Cached - All 7 versions

### Transmit completion **event** batching

S Pope, D Riddoch, C Yu, D Roberts, JM ... - US Patent App. 11/050,483, 2005 - Google Patents

... 3,2006 (54) TRANSMIT COMPLETION **EVENT** BATCHING (75) Inventors: Steve Pope, Cambridge (GB); David Riddoch, Cambridge (GB); Ching Yu, Santa Clara, CA (US); Derek ...

All 6 versions

### Event Handling with the Swing Component Set

DBE Handling - Springer

... the listener **notification** may happen with the wrong set of listeners. To help simplify this situation, the Swing component library includes a special **event**- ...

### Duplicating a file descriptor

MDM Page - man-wiki.net

... (Such conversions may involve splitting, shrinking, or **coalescing** with an existing lock if ... To disable **notification** of all **events**, make an F\_NOTIFY call ...

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### Discovering actionable patterns in event data- [\\*psu.edu](#) [PDF]

JL Hellerstein, S Ma, CS Perng - IBM Systems Journal, 2002 - research.ibm.com

... Some **events** are filtered, others are **coalesced**. Some of them trigger **notification** mechanisms, such as alarms and e-mails, and some trigger automatic recovery ...

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### [BOOK] InfiniBand network architecture

T Shanley, J Winkles, I MindShare - 2003 - books.google.com

... 177 Introduction to **Event Notification** 177 Definition of a Trap 177 Subscribing to GSMS for **Event Notification** 180 Introduction 180 How Does the GSM Know Who ...

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### Interrupt notification block

DJ Duckman, GJ Scherer... - US Patent App. 11/004,346, 2004 - Google Patents

... embody- ments, to an interrupt **notification** block that ... completed commands or to handle the unexpected **events**. ... 100 must process is called interrupt **coalescing**. ...

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### [PDF] -Collaborative science: Astrophysics requirements and experiences

G Allen, E Seidel - The Grid: Blueprint for a New Computing Infrastructure ..., 2004 - cct.isu.edu

... some of these needs exist: they were used, for example, in one of the largest simulations to date of two orbiting, **coalescing** black holes ... **Event Notification** ...

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### Including descriptor queue empty events in completion events

S Pope, D Riddoch, C Yu, D Roberts - US Patent App. 11/050,474, 2005 - Google Patents

... Instead of entering into the **event** queue both a completion **notification** and a transmit DMA descriptor queue empty **notification**, therefore, a NIC enters only ...

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### [CITATION] The enigmatic giant tuff cone and ignimbrites of Ambrym, Vanuatu: a more conventional story ...

K Nemeth, SJ Cronin - Karoly Nemeth, 2007

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### [CITATION] Where are the giant tuff cone and ignimbrites of Ambrym? a more conventional story of ...

SJ Cronin, K Nemeth - Karoly Nemeth, 2005

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### Modeling protocol offload for message-oriented communication- [\\*unm.edu](#) [PDF]

P Gilfeather, AB Maccabe - IEEE International Cluster Computing, 2005, 2005 - ieeeexplore.ieee.org

... First we will explain Splintered TCP using the same communication model we used to outline EMO in Figure 1. Next, we discuss interrupt **coalescing**, zero-copy ...

[Cited by 12](#) - [Related articles](#) - [All 6 versions](#)

## METHODS AND ARCHITECTURE FOR CROSS-DEVICE ACTIVITY MONITORING, ...

EJ Horvitz, P Koch, JT Apacible, CM Kadie - US Patent App. 11/469,148, 2006 - Google Patents  
... 114 QUERY(S) DATA ACQUISITION COMPONENT(S) FORECASTING SERVICE / COMPONENT APPLICATION(S) LEARNING COMPONENT **EVENT** DATA AUTHORIZED PEOPLE PREDICTION(S) CURRENT ...

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## Performance evaluation of interrupt handling schemes in gigabit network- \*kfupm.edu.sa (PDF)

KA El-Badawi - 2003 - eprints.kfupm.edu.sa

... **Coalescing**, Polling, and Enabling and Disabling Interrupt. ... 512 bytes min Duration of carrier **Event** ... The **notification** only happens after the packet is ...

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... one of the largest simulations to date of two orbiting, **coalescing** black holes ... to Monitor/Steer Code Live Simulation or Data Archive **Event Notification** A user ...

## Method and apparatus for survey processing

WH Macey, MW Heck, A Erickson - US Patent App. 10/844,067, 2004 - Google Patents

... for a method for sorting or **coalescing event** messages in ... coalescer 230 processes as many **events** that belong ... at step 410, a new message **notification** is received ...

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## [PDF] \*A framework for distributed intrusion detection using interest driven cooperating agents

R Gopalakrishna, EH Spafford - Proceedings of the 4th International Symposium on ..., 2001 - cerias.purdue.edu

... This might make their design complex as issues related to **event** advertisement, **event** subscription and **event notification** have to be handled. ...

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## [PDF] \*Object-Oriented Simulation Of Fluids Using Software Agents

AD Pace, F Trilnik, M Campo, A Clausse - 2001 - Citeseer

... **Event**: representing a **notification** of any ... when two or more bubbles collide, they **coalesce** giving birth ... bubbles by limiting the reception of **events** to local ...

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## [PDF] \*The Evolution of Internet-Scale Event Notification Services

A Rifkin, R Khare - ... on Internet Scale **Event Notification**, <http://www.ics. ....>, 1998 - 4k-associates.com

... poll options **Event** queue can select **events** by bounds, type, etc. **Events** can be updated, **coalesced** in the queue ... **Event Notification** Services ...

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### Managed distribution of digital assets

N Stamos, SN Birnbaum, T Revesz, D ... - US Patent App. 10/706,871, 2003 - Google Patents  
... OPERATION WEB BASED MANAGEMENT CONSOLE 102-5 "DIGITAL GUARDIAN" 104-2 ACTIVITY JOURNAL  
SERVER POLICY SERVER (COMMUNICATIONS SERVER) **EVENT ANALYSIS SERVER** ...

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### Details of the programming interface

G Banga - [userix.org](#)

... The implementation also attempts to **coalesce** multiple reports ... A scalable and explicit  
Previous: **Event-based** vs ... state-based **notification** Gaurav Banga 1999-04-26.

[All 2 versions](#)

[CITATION] Intra-and extra-caldera volcanoclastic facies architecture of a frequently active mafic island ...

K Nemeth, SJ Cronin - Karoly Nemeth, 2006

### [PDF] •SAMAS: Scalable Architecture for Multiscale Agent-based Simulation

A Chaturvedi, M Cheng, D Doik, J Chi - [miscr.umn.edu](#)

... multi-resolution capabilities offers the potential for **coalescing** the entire ... the  
use of Gossip Communication Model, Periodic Sampling, and **Event Notification**. ...

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### [PDF] •Coalescing Effective Community Disaster Response: Simulation and Virtual Communities of ...

E Jewett - [iaem.com](#)

... **Coalescing** Effective Community Disaster Response: Simulation and Virtual Communities  
of ... a scanning overview, it looks at people, organizations, disaster **event** ...

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### Method for buffering high bandwidth data from an input device.

AR Tannenbaum, JM Zetts, MN Gray, T ... - 1992 - [freepatentsonline.com](#)

... during movement of the mouse are **coalesced** if the ... is sent a PM message containing  
the **event** information. ... are similarly written to provide **notification** of voice ...

[All 3 versions](#)

### GROUP NETWORK METHODS AND SYSTEMS

R Rosen, S Manousos, K Shah, B Swan, P It - 2004 - [freepatentsonline.com](#)

... ring and implements the distributed **event notification** mechanism ... locally, and distribute  
local **events** to remote ... **coalescing** search results for the search result ...

[All 3 versions](#)

### Calendar-driven application technique for preparing responses to incoming events

GD Alexander, JS Doss, RM Kovales, DM ... - US Patent 6,640,230, 2003 - Google Patents

... long duration and a lower level of the hierarchy is used for specific **events** which  
occur during context **events**. ... Attribute values are hierarchically **coalesced**. ...

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### The Action Language: Refining a Behavioral Modeling Language

S Nordstrom, S Shetty, SA Di Yao, S Neema, ... - [ieeexplore.ieee.org](#)

... in the BML-specific implementation platform to propagate **notification** of failures ...  
or buffering of **events** or to perform **event/state variable coalescing**). ...

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### Protocol for exchanging configuration data in a computer network

BA Traversat, T Saulpaugh, JA Schmidt, GL ... - US Patent 6,119,157, 2000 - Google Patents  
... **COALESCED**; SENT TO CLIENT CLIENT POPULATES SOFTWARE NAMESPACE WITH **COALESCED** DATA USER ... Sep.12,2000 Sheet 14 of 15 6,119,157 | **EVENT NOTIFICATION** UPDATE SERVER ...

[Cited by 11](#) - [Related articles](#) - [All 2 versions](#)

### Adaptive transparent encryption

N Stamos, D Buccella, DA Carson - US Patent App. 10/750,321, 2003 - Google Patents  
... CLIPBOARD 506 APPROVED FILE LIST APPROVED FILE FILTER 520 **EVENT COALESCING**/ AGGREGATE 530 RECEIVER IRP **EVENT** BUS 580 **EVENT** CACHE FAIL IRP 601 WARN 602 WARN ...

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AD Pace, F Trilnik, M Campo, A Clausse - pladema.net  
... **Event**: representing a **notification** of any ... to the internal state of the agents or external **events**. ... when two or more bubbles collide, they **coalesce** giving birth ...

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### ... Connection Memory Requirements of MPI for InfiniBand Clusters: A Message **Coalescing** ... - \*ohio-state.

edu [PDF]  
MJ Koop, T Jones, DK Panda - Seventh IEEE International Symposium on Cluster ..., 2007 - ieeeexplore.ieee.org  
... allowed outstanding send operations and a **coalescing** method to ... to a Completion Queue (CQ) for **notification** of completion ... the CQ or through an **event**-based methods ...

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### [PDF] •Introduction to multithreading and multiprocessing in the FreeBSD SMPng network stack

RNM Watson - Proceedings of EuroBSDCon, 2005 - minithins.net  
... code when a routing **event notification** occurs as ... queued routing socket **events** asynchronously, delivering ... sufficiently infrequently that **coalescing** locks does ...

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)

### Generic schema for storing configuration information on a server computer

BA Traversat, T Saulpaugh, JA Schmidt, GL ... - US Patent 6,052,720, 2000 - Google Patents  
... SENT TO CLIENT CLIENT POPULATES SOFTWARE NAMESPACE WITH **COALESCED** DATA USER LOGS ... 18, 2000 Sheet 14 of 15 6,052,720 **EVENT NOTIFICATION** UPDATE SERVER SCHEMA WITH ...

[Cited by 15](#) - [Related articles](#) - [All 2 versions](#)

### Comparing Ethernet and Myrinet for MPI communication- \*rice.edu [PDF]

S Majumder, S Rixner - Proceedings of the 7th workshop on Workshop on ..., 2004 - portal.acm.org  
... Disabling all interrupt **coalescing** at the driver level reduces ... Currently, the only exception **event** sup- ported by ... IP protocol stack is the **notification** of out ...

[Cited by 9](#) - [Related articles](#) - [All 4 versions](#)

[\[PDF\] •Improving Performance with Interrupt Coalescing for Virtual Machine Disk IO in VMware ESX ...](#)

I Ahmad, A Gulati, A Mashtizadeh, M Austruy - vmware.se

... the VM might be running for **notification** purposes ... is decremented on the task completion **event** and it ... is complementary to interrupt **coalescing** optimizations done ...

[View as HTML](#)

[State Machine- \\*unix.org \[PDF\]](#)

DC Response, DM Response, DU Response, ... - unix.org

... cards with on board processors are capable of **coalescing** inter- rupts ... the primitives nec- essary to reduce data movement, limit **event notification** overhead, and ...

[Related articles](#) - [All 2 versions](#)

[Reducing operating system start-up/boot time through disk block relocation](#)

K Grimsrud, R Coulson - US Patent 5,920,896, 1999 - Google Patents

... Task Scheduling - Loader - **Event Notification** Device Drivers - Tracer -I ... 11-14

illustrate in further details one embodiment of the **coalescing** step; and FIG. ...

[Cited by 7](#) - [Related articles](#) - [All 2 versions](#)

[Making the most out of direct-access network attached storage- \\*unb.ca \[PDF\]](#)

K Magoutis, S Addetia, A Fedorova, MI Seltzer - 2003 - dspace.hil.unb.ca

... known techniques [10], such as checksum offloading, interrupt **coalescing** and increasing ...

The main components of RPC are **event notification**, either by interrupt ...

[Cited by 43](#) - [Related articles](#) - [All 13 versions](#)

[Method and system for TCP large receive offload](#)

KF Fan - US Patent App. 11/488,246, 2006 - Google Patents

... When an **event** occurs that terminates the collection of TCP segments, the coalescer may generate a single **coalesced** TCP segment based on the collected TCP ...

[All 2 versions](#)

[\[PDF\] •Wshare: an instant secure collaboration workspace over ad hoc wireless lan](#)

A Raniwala, G Zhang, J Zheng, A Sridhar, T ... - IJWMC: Special Issue on Group Communications in Ad ..., 2005 - Citeseer

... duration, say 50 msec, and then sends a **coalesced** ACK packet ... to the shared file through a Windows API that sends a **notification** ... **event** upon file modifications. ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

[\[PDF\] •Messaging in Web Service Grid with Applications to Geographical Information Systems](#)

G Fox, S Pallickara, G Aydin, M Pierce - Grid Computing: A New Frontier of High Performance ..., 2005 - grids.ucs.indiana.edu

... This includes support for compressing and decompressing, fragmenting and **coalescing** data encapsulated in ... 3. **Event** Accumulation and **Notification**: Methods of ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[Setting up a delegated TCP connection for hardware-optimized processing](#)

AK Jha, R Daniilak, PJ Gyugyi, TA Maufer, S ... - US Patent 7,412,488, 2008 - Google Patents

Page 1. US007412488B2 (12) United States Patent Jha et al. (io) Patent No.:

(45) Date of Patent: US 7,412,488 B2 Aug. 12, 2008 (54 ...

[All 2 versions](#)

[PDF] [Characteristics of multithreading models for high-performance IO driven network ...](#)

I Voras, M Žagar - [ivoras.sharanet.org](#)

... for network IO and algorithms such as lock **coalescing** (locking inter ... [14] J. Lemon,

"Kqueue: A generic and scalable **event notification facility**", presented ...

[View as HTML](#)

[System and method for \*\*coalescing\*\* market data at a network device](#)

J Schluetter, SA Schwartz - US Patent 7,567,930, 2009 - [freepatentsonline.com](#)

... data reporting system with alert **notification** feature and ... wherein detecting the predetermined **event** comprises receiving ... market update by **coalescing** the second ...

[PDF] [2004 Volcanic Activity in Alaska and Kamchatka: Summary of \*\*Events\*\* and Response of the ...](#)

CA Neal, RG McGimsey, J Dixon, D Melnikov - [pubs.usgs.gov](#)

... unusual activity that is subsequently determined to be normal or enhanced fumarolic activity, weather-related phenomena, or other non-volcanic **event** (table 3). ...

[Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[Method and system for transparent TCP offload \(TTO\) with a user space library](#)

E Aloni, U El Zur, R Shalom, C Bestler - US Patent App. 11/489,300, 2006 - Google Patents

... logic, circuitry and/or code that may enable accumulation or **coalescing** of TCP ... from the accumulated or collected TCP segments when a termination **event** occurs ...

[All 2 versions](#)

[Respiratory Tract Irritation](#)

BS Levy, DH Wegman - Preventing Occupational Disease and Injury, 2005 - [books.google.com](#)

... The surveillance case definition used by the Sentinel **Event Notification System** for ... PMF) occurs when these small opacities enlarge and **coalesce** to form larger ...

[Related articles](#)

[Deploying the NaradaBrokering substrate in aiding efficient web and grid service ... - \[indiana.edu\]\(#\) \[PDF\]](#)

G Fox, S Pallickara - Proceedings of the IEEE, 2005 - [ieeexplore.ieee.org](#)

... unless the corresponding archival **notification** is received. ... Fragmentation: To deal with **events** with large ... A **coalescing** service then merges these fragments into ...

[Cited by 9](#) - [Related articles](#) - [All 5 versions](#)

[PDF] [HP SharedX: A tool for real-time collaboration](#)

D Garfinkel, BC Welti, TW Yip - Hewlett Packard Journal, 1994 - [hpl.hp.com](#)

... windows and parts of windows, **coalescing** those of ... receiving machines, and merging input **events** from the ... broken display connection, sends a **notification** to the ...

[Cited by 93](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 2 versions](#)

[Software techniques to improve virtualized I/O performance on multi-core systems](#)

G Liao, D Guo, L Bhuyan, SR King - Proceedings of the 4th ACM/IEEE Symposium on ..., 2008 - [portal.acm.org](#)

... might happen based on priority difference for **event notification**. Whenever an **event** is notified to a ... performance tuning on interrupt **coalescing**, write combining ...

[Cited by 2](#) - [Related articles](#)

[PDF] • [Support for High Performance Real-time Collaboration within the NaradaBrokering ...](#)

S Pallickara, H Bulut, P Burnap, G Fox, A ... - 2005 - Citeseer

... Second, it provides a **notification** framework by efficiently routing messages from ...  
by encapsulating them in specialized messages (also referred to as **events**). ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

[Method and apparatus of filtering and viewing real-time detail records based upon user ...](#)

SP Connelly - US Patent App. 11/145,935, 2005 - Google Patents

... a real-time basis and provide immediate **notification** to a ... 2A-2B by **coalescing** the  
related frames on a per ... a real-time basis so that specific **events** of interest ...

[All 2 versions](#)

[PDF] • [2003 Volcanic Activity in Alaska and Kamchatka: Summary of \*\*Events\*\* and Response of the ...](#)

RG McGimsey, CA Neal, O Girina - avo.alaska.edu

... is no longer suspected, appropriate **notification** calls are ... activity is confirmed,  
and the **events** are further ... the known summit fumaroles to **coalesce** and form ...

[View as HTML](#) - [All 3 versions](#)

[Generic schema for storing configuration information on a client computer](#)

BA Traversat, T Saulpaugh, JA Schmidt, GL ... - US Patent 6,161,125, 2000 - Google Patents

... **COALESCED**; SENT TO CLIENT 617 CLIENT POPULATES SOFTWARE NAMESPACE WITH **COALESCED**  
DATA 619 ... 12, 2000 Sheet 14 of 15 6,161,125 N **EVENT** IOTIFICATION UPDATE SERVER ...

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coalescing and event and notificatio

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